| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| Li | 4336 | (718/106.ccls. or 718/107.ccls. or 718/104.ccls. or 718/103.ccls. or 718/102.ccls. or 718/100.ccls.) or (719/331-332.ccls. or 717/162-164.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:27 |
| L2 | 143 | task with dependen\$ with (partition\$ or merg\$ or combin\$ or join\$) | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:13 |
| L3 | 31 | task with (dependen\$ or call\$) with (partition\$) with (resource or code or module) | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:17 |
| L4 | , 1 | ("6052707").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/13 14:29 |
| L5 | 8 | ("4658351" "4980824" "5311461" "5432941" "5437032" "5448735" "5745778" "5909559").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/13 14:29 |
| L6 | 6 | ("6052707").URPN. | USPAT | OR | ON | 2005/05/13 14:29 |
| L7 | 862 | task same (dependen\$ or call\$) same (partition\$ or group\$3) same (resource or code or module) | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:30 |
| L8 | 1 | task adj dependency adj list | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:31 |
| L9 | 3 | module adj dependency adj list | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:32 |
| L10 | 481 | (task or process or module) adj dependency | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:32 |
| Lii | 360 | (cooperative\$ or non-preemptive\$) with schedul\$ | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:33 |
| L12 | 35 | DOS with (cooperative\$ or non-preemptive\$) | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:35 |
| L13 | 187 | "D'Souza".in. | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:37 |
| L14 | . 39 | "D'Souza".in. and (task or process).ti,ab. | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:37 |
| L15 | 6644 | Microsoft\$.as. | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:38 |
| L16 | 14 | 13 and 15 | US-PGPUB; USPAT | OR | ON | 2005/05/13 14:38 |
| L17 | 7 | task with dependen\$ with (partition\$ or merg\$ or combin\$ or join\$) same common\$ | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:31 |

| L18 | 16 | 1 and 2 | US-PGPUB; | OR | ON | 2005/05/13 16:14 |
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| L19 | 1 | task with (logical adj union) | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:17 |
| L20 | 3 | task with dependen\$ with (partition\$ or merg\$ or combin\$ or join\$) same allocat\$ | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:26 |
| L21 | 527 | task with (partition\$ or merg\$ or combin\$ or join\$) same allocat\$ | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:27 |
| L22 | 70 | 1 and 21 | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:26 |
| L23 | 36 | (task with (partition\$ or merg\$ or combin\$ or join\$) same allocat\$). clm. | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:29 |
| L24 | _ 13 | 1 and 23 | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:29 |
| L25 | 22 | (task same (dependen\$ or call\$) same (partition\$ or group\$3) same (resource or code or module)).clm. | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:35 |
| L26 | 1 | (task same (dependen\$ or call\$) same (partition\$ or group\$3) same (resource or code or module) same (union or logical)). clm. | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:30 |
| L27 | 127 | task same (dependen\$ or call\$) same (partition\$ or group\$3) same (resource or code or module) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 16:31 |
| L28 | 790 | task with (partition\$ or merg\$ or combin\$ or join\$) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 16:31 |
| L29 | 12 | 27 and 28 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 16:32 |
| L30 | 8 | (task same (dependen\$ or (inter adj dependen\$)) same (partition\$ or group\$3) same (resource or code or module)).clm. | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:44 |
| L31 | 19 | (task same (dependen\$ or (inter adj dependen\$)) same (partition\$ or group\$3 or block or subset or set) same (resource or code or module)).clm. | US-PGPUB; USPAT | OR | ON | 2005/05/13 16:39 |
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| S7 | 5 | ("5613114" "5640563" "5727211" "6052707" "6105048").PN. | USPAT | OR | ON | 2004/02/20 15:45 |
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| S9 | 9 | (task with dependen\$ with (partition\$ or merg\$ or combin\$ or join\$)) and (718/106.ccls. or 718/107.ccls. or 718/103.ccls. or 718/103.ccls.) | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:05 |
| S10 | 666 | task same (dependen\$ or call\$) same (partition\$ or group\$) same (resource or code or module) | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:21 |
| S11 | . 60 | (718/106.ccls. or 718/107.ccls. or 718/104.ccls. or 718/103.ccls. or 718/102.ccls.) and (task same (dependen\$ or call\$) same (partition\$ or group\$) same (resource or code or module)) | US-PGPUB; USPAT | OR · | ON | 2004/02/20 16:10 |
| S12 | 304 | 719/331-332.ccls. | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:10 |
| S13 | 324 | 717/162-164.ccls. | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:10 |
| S14 | 583 | 719/331-332.ccls. or 717/162-164. ccls. | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:11 |
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| S20 | 12 | (task adj dependency) and ((718/106.ccls. or 718/107.ccls. or 718/104.ccls. or 718/103.ccls. or 718/102.ccls.) or (719/331-332. ccls. or 717/162-164.ccls.)) | US-PGPUB; USPAT | OR | ON | 2004/02/20 16:23 |
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| S27 | 1 | ("5754636").PN. | US-PGPUB; USPAT | OR | OFF | 2004/11/24 16:38 |
| S28 | 1 | ("5448739").PN. | US-PGPUB; USPAT | OR | OFF | 2004/11/24 16:38 |



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The interdisciplinary study of coordination

Thomas W. Malone, Kevin Crowston

March 1994 ACM Computing Surveys (CSUR), Volume 26 Issue 1

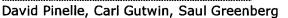
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Additional Information: full citation, abstract, references, citings, index terms, review

This survey characterizes an emerging research area, sometimes called coordination theory, that focuses on the interdisciplinary study of coordination. Research in this area uses and extends ideas about coordination from disciplines such as computer science, organization theory, operations research, economics, linguistics, and psychology. A key insight of the framework presented here is that coordination can be seen as the process of managing dependencies ...

Keywords: computer-supported cooperative work, coordination, coordination science, coordination theory, groupware

2 Task analysis for groupware usability evaluation: Modeling shared-workspace tasks with the mechanics of collaboration



December 2003 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 10

Full text available: pdf(224,02 KB)

Additional Information: full citation, abstract, references, citings, index terms

Researchers in Computer Supported Cooperative Work have recently developed discount evaluation methods for shared-workspace groupware. Most discount methods rely on some understanding of the context in which the groupware systems will be used, which means that evaluators need to model the tasks that groups will perform. However, existing task analysis schemes are not well suited to the needs of groupware evaluation: they either do not deal with collaboration issues, do not use an appropriate lev ...

Keywords: Groupware evaluation, Groupware usability, Mechanics of collaboration, Task analysis

Termination of Ada tasks in hardware Lars Björnfot, Kristina Lundqvist, Göran Wall, Lars Asplund



November 1995 Proceedings of the conference on TRI-Ada '95: Ada's role in global markets: solutions for a changing complex world

Full text available: pdf(1.29 MB)

Additional Information: full citation, references

Dependency analysis for Standard ML

Matthias Blume

July 1999 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 21 Issue 4

Full text available: pdf(293.15 KB)

Additional Information: full citation, abstract, references, citings, index terms

Automatic dependency analysis is a useful addition to a system like CM, our compilation manager for Standard ML of New Jersey. It relieves the programmer from the tedious and error-prone task of having to specify compilation dependencies by hand and thereby makes its usage more user friendly. But dependency analysis is not easy, as the general problem for Standard ML is NP-complete. Therefore, CM has to impose certain restrictions on the programming language to recover tractability. We pro ...

Keywords: NP-completeness, compilation management, dependency analysis

5 Goals and processes: a task basis for projects and workflows Noël Craven, Dirk Mahling

August 1995 Proceedings of conference on Organizational computing systems

Full text available: pdf(992.67 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper focuses on the set of group endeavors that exists within the structure of an organization. The environment in which organizations exist is becoming increasingly dynamic. Cooperative tasks are increasing and workgroup computing is becoming more pervasive. There are computer-mediated tools and systems to support organizations' coordination of group endeavors. These systems, however, are incomplete and therefore do not adequately give organizations the flexibility that a dynamic env ...

6 An actor dependency model of organizational work: with application to business process reengineering

Eric S. K. Yu, John Mylopoulos

December 1993 Proceedings of the conference on Organizational computing systems

Full text available: 📆 pdf(996,12 KB) — Additional Information: full citation, references, citings, index terms

Keywords: business process reengineering, organization analysis and design, organization model, requirements engineering, workflow

7 A simulation of dynamic task allocation in a distributed computer system



December 1987 Proceedings of the 19th conference on Winter simulation

Full text available: pdf(893.84 KB)

Additional Information: full citation, abstract, references, citings, index terms

Distributed processor systems are currently used for advanced, high-speed computation in application areas such as image processing, artificial intelligence, signal processing, and general data processing. The use of distributed and parallel processor computer systems

today requires systems designers to partition an application into at least as many functions as there are processors. Spare processors must be allocated and function migration paths must be designed to allow fault tolerant rec ...

⁸ Hierarchical modularity

Matthias Blume, Andrew W. Appel

July 1999 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 21 Issue 4

Full text available: pdf(408.59 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

To cope with the complexity of very large systems, it is not sufficient to divide them into simple pieces because the pieces themselves will either be too numerous or too large. A hierarchical modular structure is the natural solution. In this article we explain how that approach can be applied to software. Our compilation manager provides a language for specifying where individual modules fit into a hierarchy and how they are related semantically. We pay particular attention to the structu ...

Keywords: compilation management, linking, modularity, modules, name visibility, program structure

Handling uncertainties in workflow applications

Jian Tang, San-Yih Hwang

November 1996 Proceedings of the fifth international conference on Information and knowledge management

Full text available: pdf(833.51 KB) Additional Information: full citation, references, citings, index terms

10 ASCW: an assistant for cooperative work

Thomas Kreifelts, Wolfgang Prinz

December 1993 Proceedings of the conference on Organizational computing systems

Additional Information: full citation, references, index terms Full text available: pdf(2.11 MB)

Keywords: distributed work management, group communication, integration, organizational modeling, video conferencing

11 Context-Aware Scheduling Analysis of Distributed Systems with Tree-Shaped Task-

Dependencies

Rafik Henia, Rolf Ernst

March 2005 Proceedings of the conference on Design, Automation and Test in Europe -Volume 1

Full text available: pdf(435.12 KB) Additional Information: full citation, abstract

In this paper we present a new technique which exploits timing-correlation between tasks for scheduling analysis in multiprocessor and distributed systems with tree-shaped taskdependencies. Previously developed techniques also allow capturing and exploiting timingcorrelation in distributed systems. However, they are only suitable for linear systems, where tasks cannot trigger more than one succeeding task. The new technique presented in this paper, allows capturing timing-correlation between t ...

12

Innovative systemic perspectives: Effective work practices for software engineering:



free/libre open source software development

Kevin Crowston, Hala Annabi, James Howison, Chengetai Masango

November 2004 Proceedings of the 2004 ACM workshop on Interdisciplinary software engineering research

Full text available: pdf(390.40 KB) Additional Information: full citation, abstract, references, index terms

We review the literature on Free/Libre Open Source Software (FLOSS) development and on software development, distributed work and teams more generally to develop a theoretical model to explain the performance of FLOSS teams. The proposed model is based on Hackman's [34] model of effectiveness of work teams, with coordination theory [52] and collective mind [79] to extend Hackman's model by elaborating team practices relevant to effectiveness in software development. We propose a set of propos ...

Keywords: collective mind theory, coordination theory, free and open source software, team effectiveness

13 Library support for hierarchical multi-processor tasks

Thomas Rauber, Gudula Rünger

November 2002 Proceedings of the 2002 ACM/IEEE conference on Supercomputing

Full text available: pdf(132.76 KB)

Additional Information: full citation, abstract, references, citings, index terms

The paper considers the modular programming with hierarchically structured multiprocessor tasks on top of SPMD tasks for distributed memory machines. The parallel execution requires a corresponding decomposition of the set of processors into a hierarchical group structure onto which the tasks are mapped. This results in a multi-level group SPMD computation model with varying processor group structures. The advantage of this kind of mixed task and data parallelism is a potential to reduce the co ...

Keywords: distributed memory, hierarchical decomposition of processor sets, library support, mixed task and data parallelism, multilevel group SPMD, multiprocessor tasks

14 Database schema design: an experimental comparison between normalization and information analysis



Peretz Shoval, Moshe Even-Chaime

March 1987 ACM SIGMIS Database, Volume 18 Issue 3

Full text available: pdf(813.94 KB) Additional Information: full citation, abstract, citings, index terms

This article compares two different methods for designing a data base schemanormalization and information analysis (IA). A set of design tasks was assigned to two groups of analysts who were trained to use the two methods in conjunction with the structured analysis method of system analysis. The results of the experiment revealed that the quality of the data base schemata designed using normalization was better than that designed using IA, that normalization required less time than IA to perfor ...

15 Task models for groupware and multitasking: Multiple aspect based task analysis (MABTA) for user requirements gathering in highly-contextualized interactive system design



Youn-kyung Lim

November 2004 Proceedings of the 3rd annual conference on Task models and diagrams

Full text available: pdf(616.51 KB) Additional Information: full citation, abstract, references, index terms

Many traditional methods in the task analysis area are developed for analyzing the task

structure of interactions involving individual users. Nowadays more issues have been raised in dealing with group work task analysis. Accommodating contextual information as a part of task modeling is a potentially fertile arena of exploration in this area. This paper proposes a mechanism, multiple aspect based task analysis (MABTA), as another new way to support a combination of emphasis on context wi ...

Keywords: CSCW, context, task analysis, usability, user requirements

16 Precursor for parallel development

J.-Mae B. Maris, Charles Schroeder

April 1991 Proceedings of the 19th annual conference on Computer Science

Full text available: pdf(936.32 KB) Additional Information: full citation, references

17 Task time lines as a debugging tool

J. S. Briggs, S. D. Jamieson, G. W. Randall, I. C. Wand March 1996 **ACM SIGAda Ada Letters**, Volume XVI Issue 2

Full text available: pdf(988.94 KB) Additional Information: full citation, abstract, citings, index terms

Debugging distributed programs is more difficult than debugging sequential ones. This paper describes a means of making this easier by presenting the user with a "time line" view of an Ada program. Each time line shows the successive states of an Ada task as easily recognisable symbols on a time axis. Communication and sychronisation between tasks is shown graphically by lines connecting the time lines. The paper shows how this representation can be used to depict typical Ada tasking activity, a ...

18 The effect of programming team structures on programming tasks
Marilyn Mantei

March 1981 Communications of the ACM, Volume 24 Issue 3

Full text available: pdf(807.73 KB)

Additional Information: full citation, abstract, references, citings, index terms

The literature recognizes two group structures for managing programming projects: Baker's chief programmer team and Weinberg's egoless team. Although each structure's success in project management can be demonstrated, this success is clearly dependent on the type of programming task undertaken. Here, for the purposes of comparison, a third project organization which lies between the other two in its communication patterns and dissemination of decision-making authority is presented. Recommen ...

Keywords: chief programmer team, group dynamics, programming team structures, project management, software engineering

19 The Influence of Social Dependencies on Decision-Making: Initial Investigations with a New Game

Barbara J. Grosz, Sarit Kraus, Shavit Talman, Boaz Stossel, Moti Havlin

July 2004 Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 2

Full text available: pdf(197.67 KB) Additional Information: full citation, abstract, index terms

This paper describes a new multi-player computer game, Colored Trails (CT), which may be played by people, computers and heterogeneous groups. CT was designed to enable investigation of properties of decision-making strategies in multi-agent situations of varying complexity. The paper presents the results of an initial series of experiments of CT games in

which agentsý choices affected not only their own outcomes but also the outcomes of other agents. It compares the behavior of people with that ...

²⁰ A process model and system for supporting collaborative work Sunil K. Sarin, Kenneth R. Abbott, Dennis R. McCarthy October 1991 ACM SIGOIS Bulletin, Conference proceedings on Organizational computing systems, Volume 12 Issue 2-3 Additional Information: full citation, references, citings, index terms



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Task scheduling using a block dependency DAG for block-oriented sparse Cholesky factorization

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Pages: 135 - 159 Year of Publication: 2003 ISSN:0167-8191

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10.1016/S0167-8191(02)00220-X

↑ ABSTRACT

Block-oriented sparse Cholesky factorization decomposes a sparse matrix into rectangular subblocks; each block can then be handled as a computational unit in order to increase data reuse in a hierarchical memory system. Also, the factorization method increases the degree of concurrency and reduces the overall communication volume so that it performs more efficiently on a distributedmemory multiprocessor system than the customary column-oriented factorization method. But until now, mapping of blocks to processors has been designed for load balance with restricted communication patterns. In this paper, we represent tasks using a block dependency DAG that represents the execution behavior of block sparse Cholesky factorization in a distributed-memory system. Since the characteristics of tasks for block Cholesky factorization are different from those of the conventional parallel task model, we propose a new task scheduling algorithm using a block dependency DAG. The proposed algorithm consists of two stages: early-start clustering, and affined cluster mapping (ACM). The early-start clustering stage is used to cluster tasks while preserving the earliest start time of a task without limiting parallelism. After task clustering, the ACM stage allocates clusters to processors considering both communication cost and load balance. Experimental results on a Myrinet cluster system show that the proposed task scheduling approach outperforms other processor mapping methods.

↑ REFERENCES

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... of the file that will be generated when the task completes execution (eg. ... any merge module filling the other requirements satisfies the dependency. ... nantcontrib.sourceforge.net/ release/0.85-rc2/help/tasks/msm.html - 134k - Cacheri - Similar pages

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... Also, I get the following three errors showing up in the "Task List". ...

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... are those who used other VC tools that don't have the nicer merge facilities,

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- ... to obtain a task schedule. which executes in II time. (use list scheduling)
- ... Dependency. found ? In the following explanation we call the task graph ...

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PERT Chart EXPERT - Project Planning, Project Management and ...

... Network, logic or dependency chart for Critical Path Scheduling. ...

Dependency Lines - Displays task dependency information directly on the dependency ...

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<u>ProjectConnections - Project management scheduling templates ...</u>

Project management scheduling templates, checklists, guidelines, ... All WBS

elements are linked to show typical dependency relationships and have generic ...

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... task dependency graph. The goal of the scheduling problem is to "schedule" the tasks on the available processors so that as to minimize the longest ...

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... scheduling time of the task. 2. comparing-resource-dependency.

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PRJ: Gantt Chart Dependency Lines Are Based on Bar Styles

In Microsoft Project, the style and color of dependency lines in the Gantt chart are based on the first bar style that applies to the task that is listed in the Bar Styles dialog box. For additional information, please see the following article in...

http://support.microsoft.com/default.aspx?scid=kb;en-us;120023

PRJ: Dependency Lines Drawn Inconsistently for Summary Tasks In Microsoft Project, when you view the Gantt Chart, some summary task dependency links may be drawn as S-shaped links when the L-shaped links option is selected. NOTE: To view which link option is selected, click Layout on the Format menu. Under...

http://support.microsoft.com/default.aspx?scid=kb;en-us;181644

PRJ98: Problems Changing Task Dependency in PERT Chart

In Microsoft Project 98, when you double-click a task dependency line in the PERT Chart, change the dependency Type or the Lag value, and click OK, you may receive the following error message: There was problem linking these tasks. You cannot link...

http://support.microsoft.com/default.aspx?scid=kb;en-us;180293

How to Create Task Dependencies Between Project Files

Microsoft Project cannot create standard task relationships (predecessor or successor dependencies) across project files. However, tasks can be linked across project files to emulate a dependency using OLE or DDE links. Linking task dates across...

http://support.microsoft.com/default.aspx?scid=kb;en-us;150757

PRJ98: Errors, Problems Linking Tasks in Consolidated File

In Microsoft Project 98, if you try to link tasks between projects in a consolidated file, you receive the following error message: You cannot make a task a predecessor of itself. If this task is dependent on another task, enter the ID number of...

http://support.microsoft.com/default.aspx?scid=kb;en-us;173331

TMGR: How Team Manager Determines Overloaded Work

Overloaded work is the amount of work that cannot be completed because of restrictions, such as start constraints, deadlines, and dependencies. The Microsoft Team Manager scheduling engine attempts to define assignment Start and Finish dates that...

http://support.microsoft.com/default.aspx?scid=kb;en-us;160516

PRJ: As Soon As Possible (ASAP) Constraint Scheduled Incorrectly

A task's duration may change incorrectly when the task's meets the following criteria: The resource assigned to the task has a calendar different from the Project Base Calendar. -and- The task has a finish-to-finish relationship with another task.

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PRJ: Can't Format Bar with Bar Command If Multiple Styles Exist

If your project contains more than one definition for the same bar style, an individual task's bar cannot be formatted using the Bar command on the Format menu. However, you can double-click the bar for that task in the Gantt Chart to format the...

http://support.microsoft.com/default.aspx?scid=kb;en-us;137543

<u>TaskDependency Object, TaskDependencies Collection Object --</u>
Represents the link type and link lag information between two tasks.
http://msdn.microsoft.com/library/en-us/pjsdk/

http://msdn.microsoft.com/library/en-us/pjsdk html/pjobjTaskDependency_HV45316930.asp

TMGR: Indented Tasks Change Unexpectedly After Set Dependency
Microsoft Team Manager may unexpectedly reschedule the order of indented
tasks if task dependencies are created among the subordinate tasks. Microsoft
Team Manager assumes an implicit dependency when tasks are indented to
create a summary. Team...

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TMGR: Microsoft Team Manager Scheduling Engine Overview

Microsoft Team Manager automatically tries to schedule tasks based on many factors, such as people availability. You cannot enter start and finish dates for a task directly. The goal of the Microsoft Team Manager scheduling engine is to have...

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SQL Server and DMO: Distributed Management Objects Enable Easy Task Automation -- MSDN Magazine, May 2001

SQL Server can be administered programmatically using system stored procedures, but Distributed Management Objects (DMO) offer a more modern, object-oriented alternative. This article introduces SQL-DMO in SQL Server 7.0 and SQL Server 2000 and describes the SQL-DMO object model, then focuses primarily on the Databases tree and the JobServer tree of the object model. The sample code and the article show how to use various objects such as the Registry object, the Configuration object, and the Database object to automate common administration tasks such as programmatically retrieving configuration settings, creating new databases, applying T-SQL scripts, and creating and scheduling backups.

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